

Belzona Seals a Wind Turbine Tower Base

ID: 8375

Industry: Power
Application: GSS-Gaskets, Seals and Shims
Substrate: Steel & Concrete C32/C40
Products: * Belzona 3131 WG Membrane ,
* Belzona 3921 & 3931 Conditioners ,
* Belzona 9361 Reinforcing Sheet ,

Customer Location: South Wales UK
Application Date: July 2020

Problem

The contractor sought guidance as there were several areas showing signs of metal corrosion and minor cracks to the concrete areas of two bases. A repair and protect solution was required to ensure the asset life could be fully extended a further ten years.



Photograph Descriptions

- * 1 - Visual preparation ,
- * 2 - Surface preparation, concrete, steel and conditioners ,
- * 3 - Two coat system including reinforcing sheet ,
- * 4 - Fully completed ,

Application Situation

The set of ten wind turbines is situated rurally and passing into the second ten years of service. The contractor responsible to maintain the asset life identified some areas of failure to the wind turbine base.

Application Method

The application was carried out in accordance with a variance of GSS-03

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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9000 Registered Quality
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Belzona Facts

The contractor selected the turnkey services of Belzona in consideration of the vast experience and application techniques. Other optional alternatives did not meet the criteria. Upon completion we were informed that the remaining eight bases would be undertaken during 2021.

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